

TEM DUST ANALYSIS M40543 027

	s and Hi	le, LLP t Sample	ie.				Clien	t Sample	ID:	OCSE	3
Sam	ple Area/ \ Filte Po fective Filte Samp	/olume: er Type: ere size: er Area: le type:	100 cm: MCE 47mm 0.45 1297 Dust Dust Yes	2 5 %			S Acceler	ate Analy Ana cope Nur ating Vol ndicated Screen Grid_	alyst: nber: ltage: Mag: Mag:	10/10/2 Kevin Sir 3 100 25 20 7184, 7169,	npson KV KX KX
Str < 5 Str ≥5 Total 5	um:7	7		nber of grid of opening		#1: <u>105</u> #2: <u>103</u>	#3: <u>104</u> #4: <u>106</u>	Avera Total Ar	ge Grid ea Anal		0920
Volume :	Filtered	0.3 ml 333.3333	Str	Str/s/s/sqrft		1.471E+ 2.575E+		Str / cr		m2 1.58 =5 2.77	
Str#:	SquareID:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:	THE PERSON NAMED IN THE PE
1	E4-C2	c	F	4.00	0.10	x	M36325	V	S.		
2		С	F	16.00	0.10	x		¥		7	
3		С	F	2.20	0.10	x		¥	Li	<u> </u>	
4		c	C-F	2.20	0.50	x		<u>~</u>	: '''		
5		c	F	1.50	0.10	x		Z	:::	:	
6		С	B	0.60	0.12	x		✓:	·	· · ·	
7	C3	c	C-F	8.00	3.00	x		Z .		: ',	
8		c	F	2.20	0.10	x		.	:	*****	
9		C	F	0.70	0.10	х		Z			
10		c	F	0.80	0.10	x					
11	C4	С	M-B	2.30	0.10			Z			
12		C	F	1.00	0.10					<u>L.</u> :	
13		C	F	2.00	0.10			<u>L.</u> :	L_'	[] _	
:								<u>L.:</u>	<u> </u>	n	

C - Chrysotile

NSD - No Structure Detected

TR - Tremolite

F - Fiber

CR - Crocidolite

B - Bundle

AN - Anthophyllite

M - Matrix

AC - Actinolite

Str#:	SquareID:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	· Photo:	Sketch:
14		С	M-F	2.00	0.10				П	
15		C	F	2.10	0.10			11		
16	C5	c	F	2.00	0.10					
10	G	C	Г	2.00	0.10					
17		C	M-F	0.70	0.05				П	J
18		c	F	1.00	0.10					
19		C	F	4.00	0.10					
				44.00	0.10					
20		C .	F	0.50	0.10	X	х	. 🛂		
21		c	F	0.70	0.10					
22		С	F	7.50	0.10					Γ.'
			_					Γ.,		<u>C</u>
23		C	F	1.20	0.10					
24		С	F	1.30	0.10					
25		С	F	6.00	0.10					
26		С	F	1.30	0.10			Ŋ	<u>!_i</u>	
					0.10					
27		С	В	2.50	0.15) " !
	C6		NSD							
28	E3-C4	С	C-F	1.50	0.90				\Box	:::: ::::
20		^	r	2.00	0.40					L'
29		С	F	2.20	0.10					<u>ı ;</u>
30		С	F	1.00	0.10	X	x	V	Li	ij
31		c	F	0.80	0.10					
32	104	c	F	3.80	0.10					<u></u>
								[1
33	E4	C	C-F	2.00	1.00				Lj	C7
34		C	F	0.50	0.10					
	***************************************				~			<u></u>	Ш	

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M - Matrix

AC - Actinolite

Str#:	SquareID:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:	
35	F4	С	В	1.00	0.20					Ü	
36		С	C-F	6.00	1.00						
37	G4	С	C-F	8.00	4.00						
38		С	F	4.00	0.10						
39		С	C-F	1.50	0.80					Ü	
40		c .	C-F	11.00	3.00	x	х	~	IJ		
									M4054	13 027	
			1 day 1								,

C - Chrysotile

NSD - No Structure Detected

TR - Tremolite

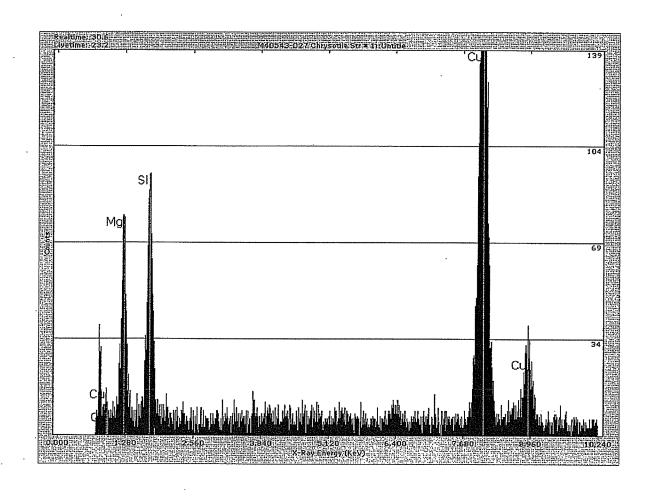
F - Fiber B - Bundle

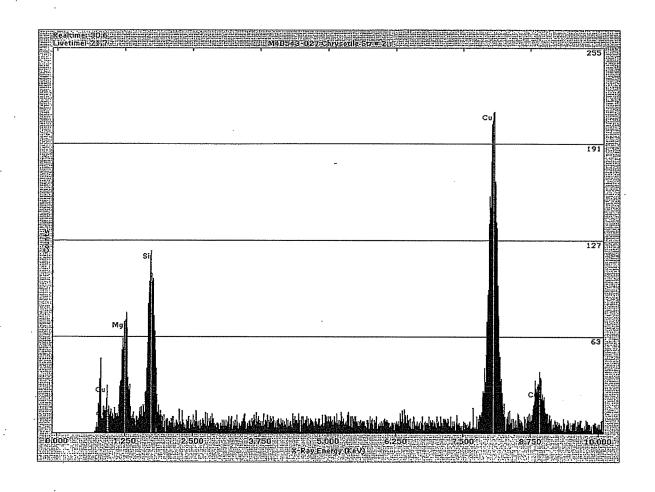
CR - Crocidolite

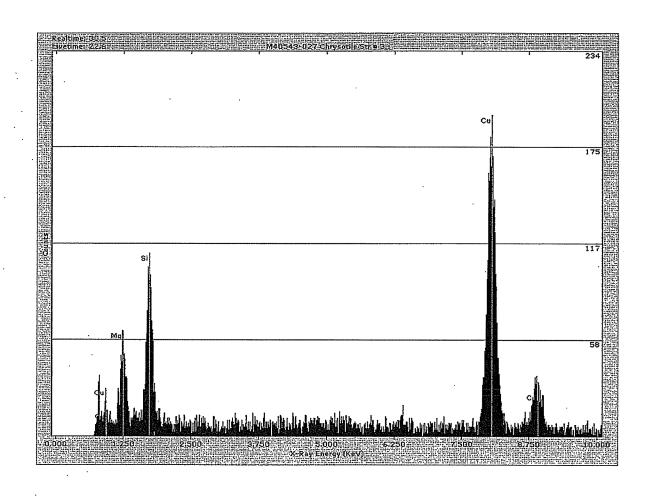
AN - Anthophyllite

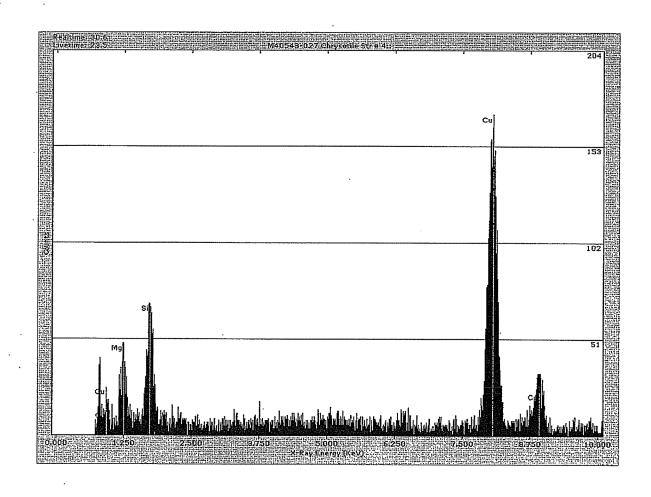
M - Matrix

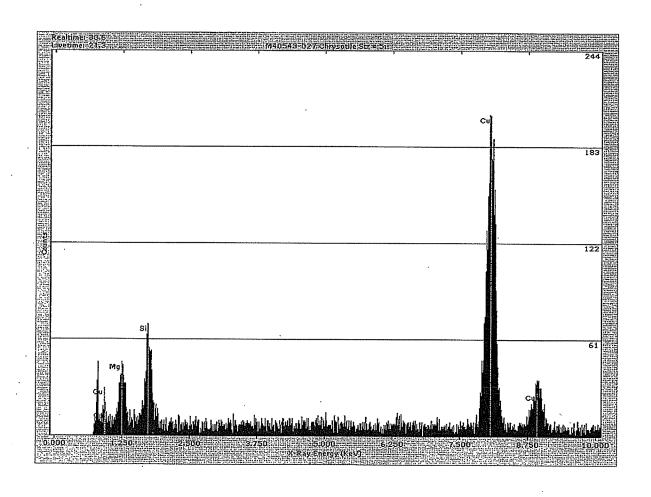
AC - Actinolite

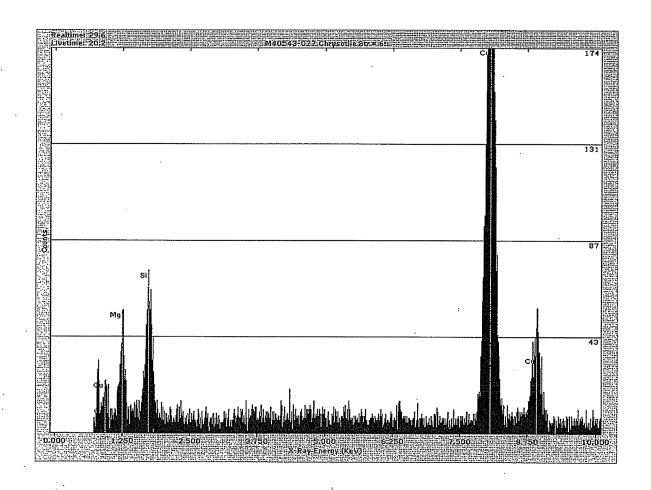


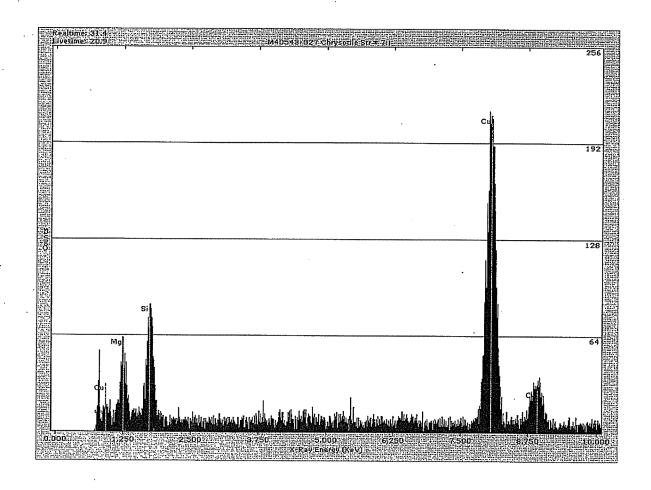


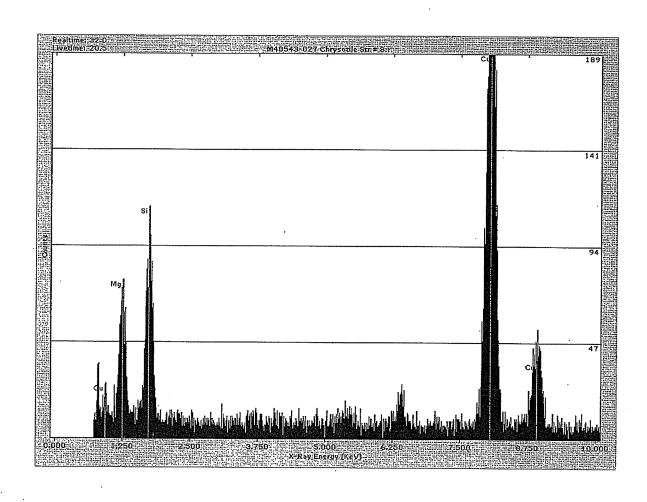


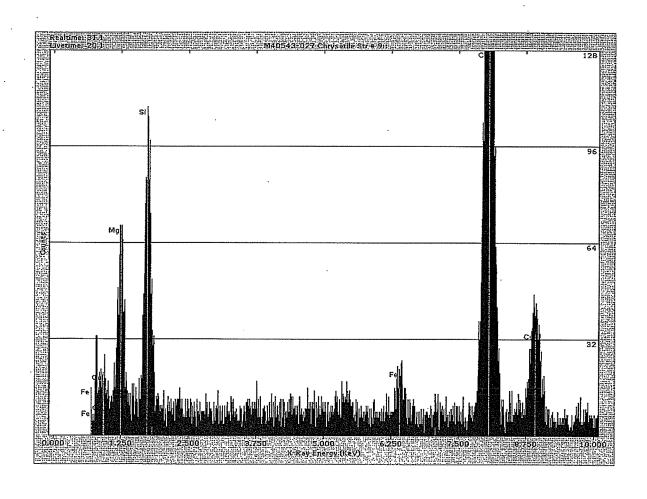


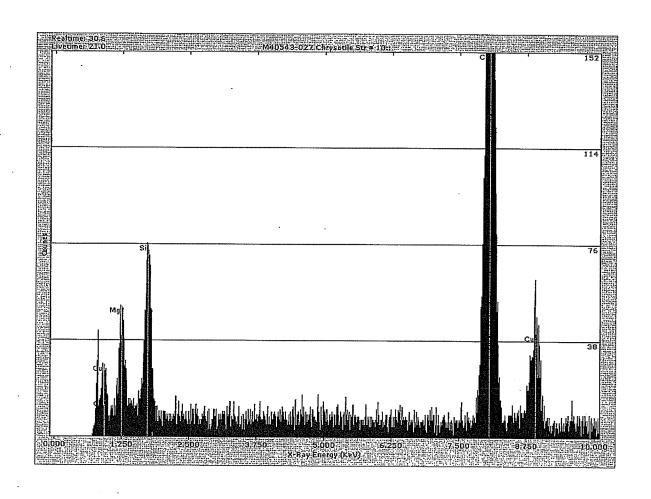


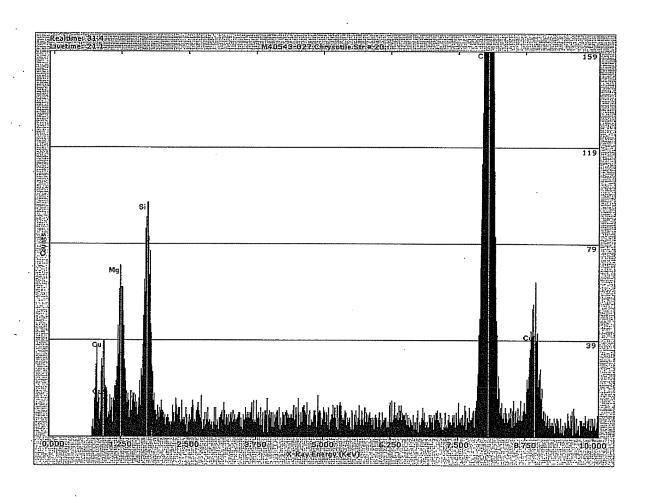


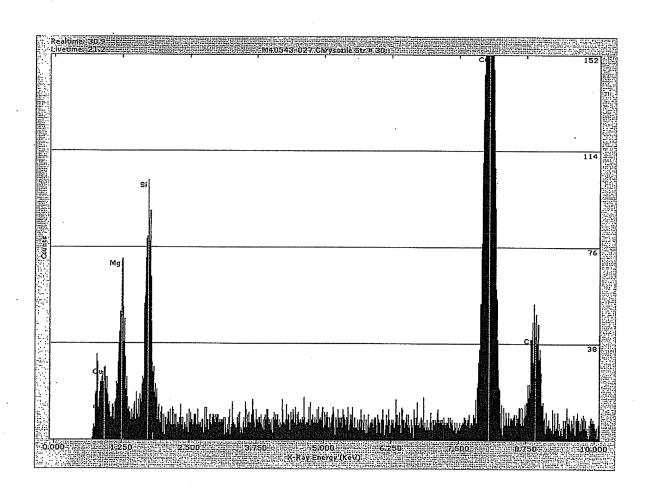


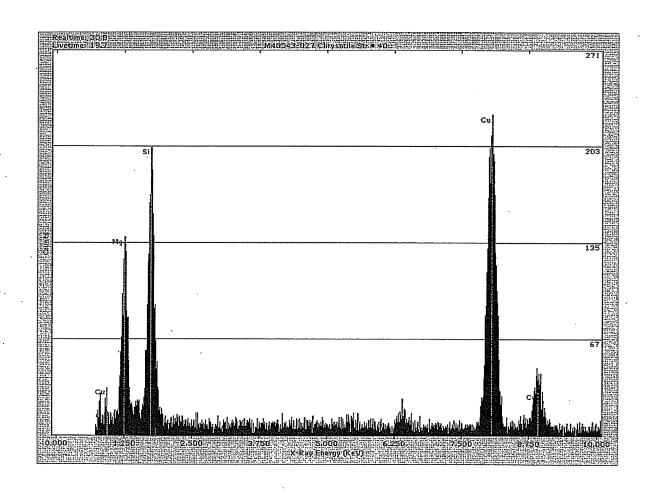












TEM DUST ANALYSIS M40543 028

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	s and Hi led Dust	le, LLP t Sample	s				Clie	ent Sample	ID:	00	SE 4
	Po fective Filte	r Type: re size: er Area: le type: is type:	100 cm. MCE 47mm 0.45 1297 Dust Dust YES	2 1 %				Scope Nur erating Vol Indicated Screen	alyst: mber: ltage: Mag: Mag:	1	/9/2006 MAM 4 100 KV 25 KX 20 KX 69, 7181,7185
Str < : Str ≥: Total	Sum:			aber of grids of openings	·	#1: 102 #2: 101	#3: 102 #4: 103	Avera Total Ar	ge Grid ea Anal		0.010404 0.104
Volume Dilution	Filtered	0.1 m) 1000	Str	Str / so	-	2.432E+ 2.316E+				<u></u>	.618E+06 .493E+05
Str#:	SquareID:	Турс:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:	
1	C10-H6	С	м-в	2.00	0.40	x	x	Z	\equiv		
2	G3	c	В	3.00	0.30	x	x	2	\Box	П	
3		С	F	1.70	0.05	x	x	¥			
4	E 4	С	F	0.60	0.10	x	х	2			
5		C	F	0.60	0.10	X	x	\mathbf{Z}			
6	C6	С	F	1.60	0.10	x	x	2	Ľ		
7		С	F	0.90	0.10	x	x	Z			
8		С	F	1.00	0.10	x	x	¥	<u> </u>	<u></u>	
9		С	F	4.00	0.05	x	x	V	=	П	
10		С	F	1.50	0.05	x	x	Z		П	
. 11	E9	C	F	2.80	0.05	x				; 7	
12	C9-B5	С	F	0.80	0.01	x		Lj	i:		
13		C	F	0.60	0.10	x		1_1			
ı											

C - Chrysotile

NSD - No Structure Detected

TR - Tremolite

F - Fiber

CR - Crocidolite

B - Bundle

AN - Anthophyllite

M - Matrix

AC - Actinolite

Str#:	SquarelD:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
14	FS	С	F	5.40	0.10	x				
15		С	F	9.00	0.10	x				
16	Н5	С	F	4.60	0.10	x				П
17		c	F	2.00	0.10	x				
18		c	F	2.50	0.10	x				
19	Н2	С	F	1.40	0.05	x				
20		С	F			x	x			
				1.10	0.20			V		
21	C4	С	M-B	2.00	0.30	Х				
***************************************									M405	43 028

C - Chrysotile TR - Tremolite NSD - No Structure Detected

CR - Crocidolite

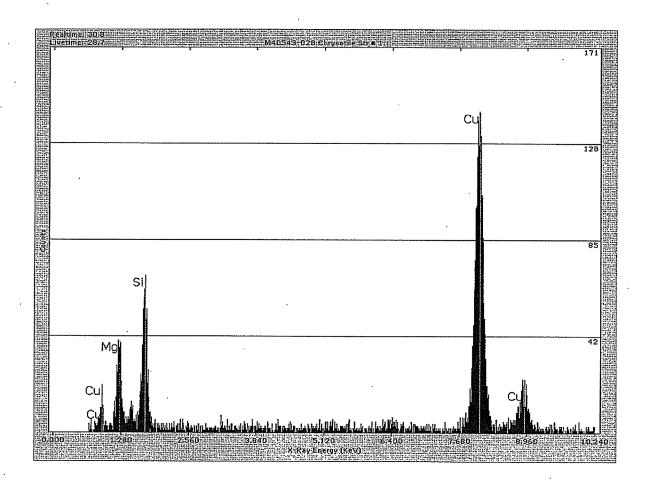
F - Fiber

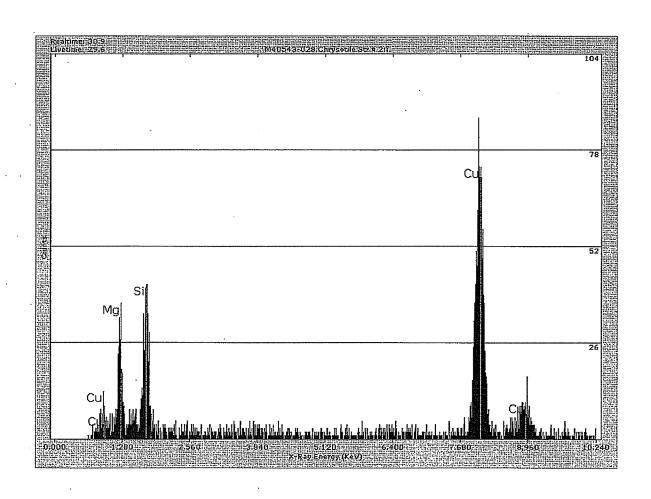
B - Bundle

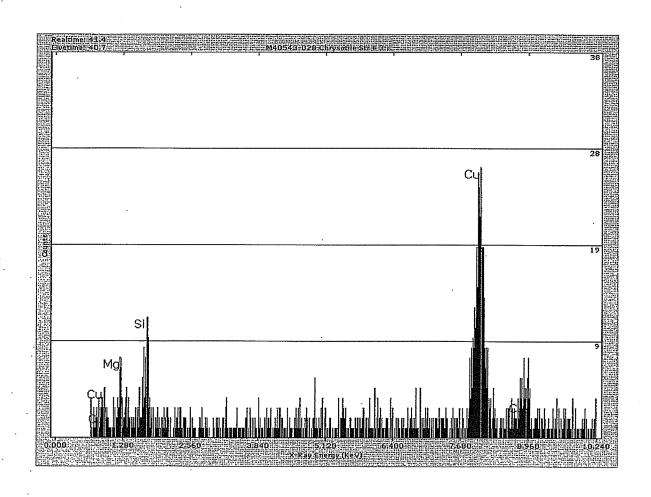
AN - Anthophyllite

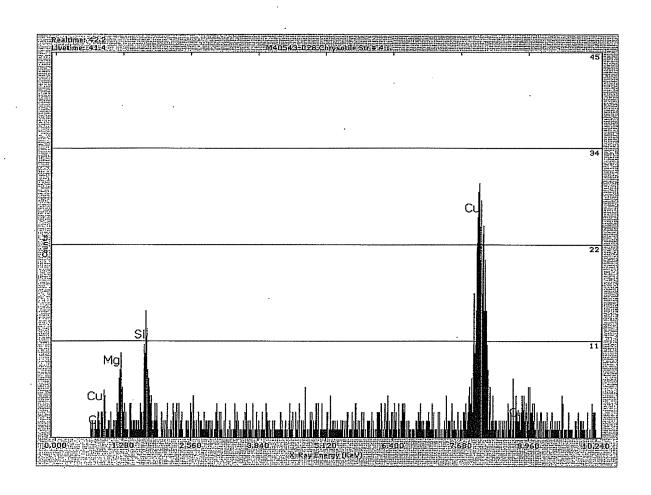
M - Matrix

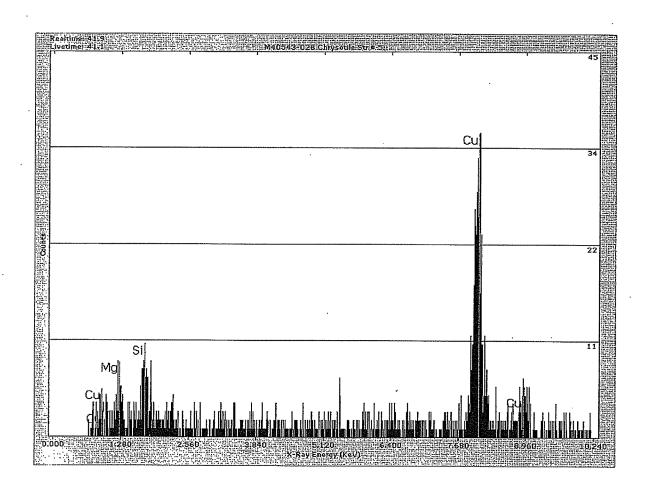
AC - Actinolite

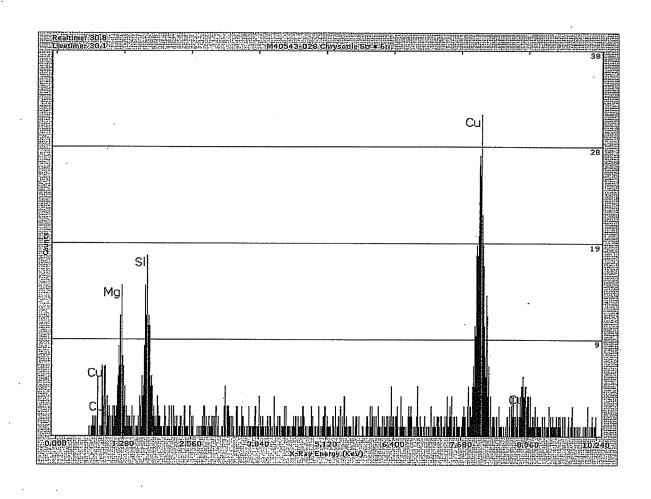


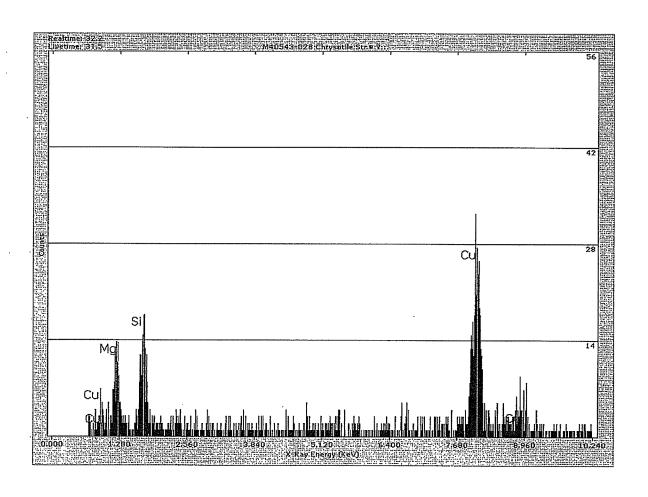


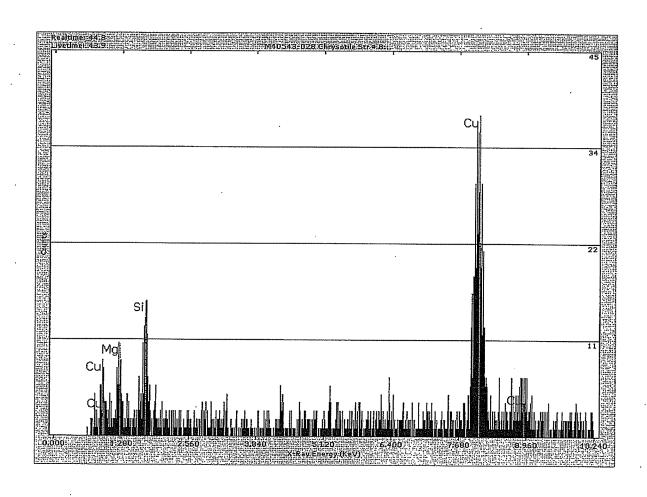


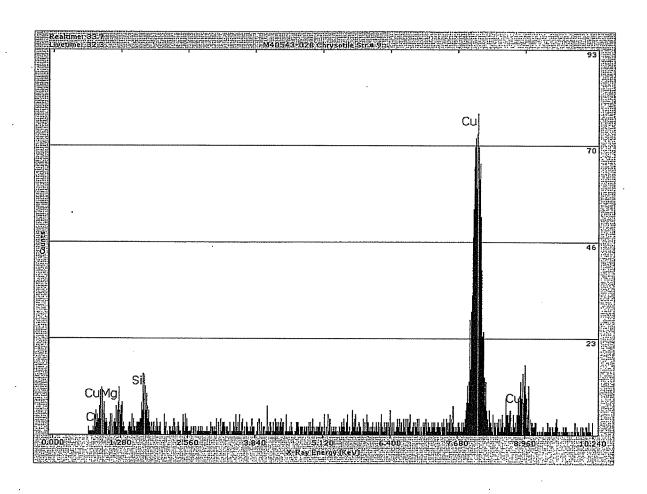


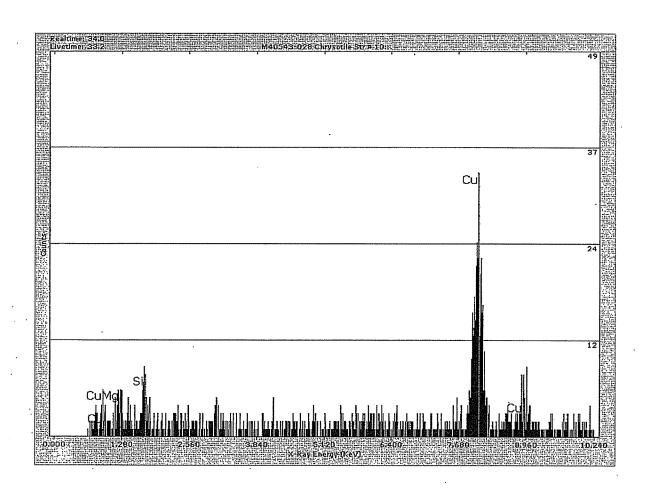


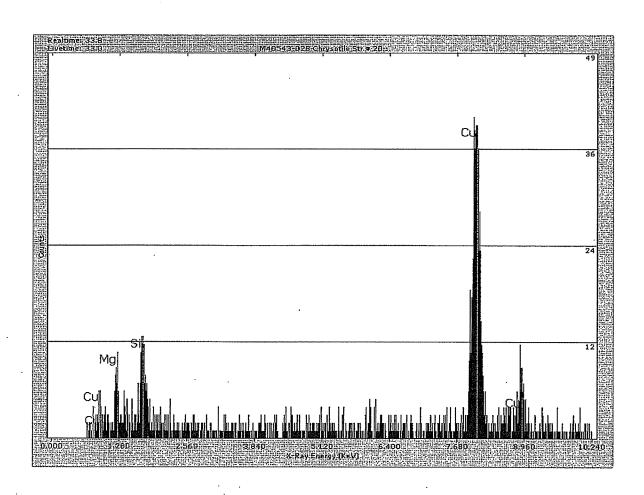












Hospital Administration Building Arkansas State Hospital (ASH)

TEM DUST ANALYSIS M40543 002

	and Hil led Dust	•	s				Clie	ent Sample	ID:	ASHAd	lmin1	
	Por fective Filte	r Type: re size: r Area: e type: s type:	100 cm2 MCE 47mm 0.45 1297 Dust Dust YES	10 %	**************************************			Date Analy Ana Scope Nun erating Vol- Indicated I Screen I Grid_	lyst: nber: lage: Mag: Wag:	M/ 1	/2006 AM 4 00 KV 25 KX 20 KX	
Str < 5 Str ≥5	ium: 14	F		ber of gri	**************************************		101 100	Averag Total Arc	ge Grid ea Anal	(
Total (2 ml		Str / s	qr ft	3.115E+08		St	r / cı	m2 3.3	n2 3.353E+05	
Dilution	Factor	50	Str /	sqr ft	>=5	8.227E+07		Str / cr	n2 >	=5 8.8	56E+04	
Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED	EDS:	Photo:	Sketch:		
1	D10-D5	С	F	1.00	0.05	x	x	Z				
2		C	M-F	4.00	0.10	х	х	<u>V</u>	Ц			
3		С	F	6.00	0.01	x	х	<u>Z</u> !				
4		C	В	2.20	0.30	x	х	. 2				
5		C	F	1.70	0.10	x	Х	. 🗷	Li			
6		С	F	1.20	0.10	x	х	Z	Ü			
7	C3	С	F ·	2.20	0.20	Х	х	Z	Lj	L		
8		С	F	5.70	0.10	х	Х	. ⊻		L		
9	B5	С	F	1.50	0.10	х	Х	Ÿ				
10		C	F _	8.00	0.10	X	х	~	ļ."			
. 11		С	F	1.00	0.10	X		<u>:</u> ·	['	<u> </u>		
12		C	F	2.00	0.10	X		<u>.</u>	ī.:]		
13		C	F	0.90	0.05	x		;·;	Π	П		
1												

C - Chrysotile

NSD - No Structure Detected

TR - Tremolite CR - Crocidolite F - Fiber B - Bundle

AN - Anthophyllite M - Matrix

AC - Actinolite

Str#:	SquareID:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
14	Н3	С	F	3.30	0.05	х			:-1	-
15		С	F	1.30	0.10	x		Ш		
								\Box	O	
16		С	F	0.60	0.10	х				
17		c	M-F	1.50	0.10	x				
18	DI	C	F	1.70	0.05	X				
100	2.	J	•	2070	0.05	^		口		
. 19		c	F	2.00	0.20	X				
20		С	M-F	0.60	0.05	x	x	:1	ii	
										[]
21		С	F	2.00	0.10	х	•			<u> </u>
22		c	F	7.30	0.10	x		,	,	
23		C	В	14.00	0.30	x			 :	r
									ĽJ	:
24	D9-G9	С	M-F	3.60	0.05	х			:::;	i. !
25		C .	M-F	0.90	0.10	x				•
26		С	M-F	0.70	0.10	x				
20			191-1		0.30	^		:_:	12	C.
27		С	M-F	0.80	0.10	x		Y	<u>: </u>	<u> </u>
28		С	F	10.00	0.10	x		→* *	: !	<u>i</u>
		_							:_J	
. 29		С	M-F	0.90	0.10	х		Li	:_i	L.
30	F7 .	С	M-F	8.00	0.20	x	x			
31		C	M-F	0.70	0.10	x		¥	i	<u></u>
								<u>:</u> !		. 7
32		С	F	0.70	0.10	x		:_!		<u>(7</u>
33		С	F	3.00	0.10	x				
34		С	F	2.00	0.05	v		Ŀ	Ξ.]	:
34		C	•	۵.00	0.03	Х		<u>.</u>	Ţ."·	F: .
35		c	F	1.00	0.05	x			r:	 ;
<u></u>			**************************************						ŗ	

C - Chrysotile

NSD - No Structure Detected

TR - Tremolite CR - Crocidolite F - Fiber B - Bundle

AN - Anthophyllite

M - Matrix

AC - Actinolite

Str#:	SquareID:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
36		С	F	1.70	0.10	х			П	
37		С	F	6.00	0.05	x				
38		С	F	14.00	0.10	x		Ü	U	
39	F4	С	F	1.80	0.10	x				L :
39	F4		•	1.00						<u></u>
40		С	F	3.40	0.10	X .	x	Ø		<u></u> ;
41		С	F	0.60	0.10	x			ü	E
42		С	F	3.00	0.10	x				
43		c	F	3.20	0.10	x			; ;	□ □
İ								[]	; ;	ŗ
44	G3	C	F	7.00	0.10	x			!	* * 3
45		С	F	6.00	0.20	x			!",	·
46		C	F	1.00	0.10	x				
47		C	F	5.50	0.10	. x		[];	Γ.	: 7
48		С	C-B	16.00	1.00	x		<u> </u>		
				10.00	1.00			:_:	 ,	П
49		С	F	3.60	0.10	x		ī.3 ·	;: :	;
50	Н8	С	F	1.20	0.10	x	x	· Æ	: ·	<u>:</u> 1
51		c	F.	1.70	0.10	x				
52		С	M-F	2.00	0.10	x			: :	:
İ	٠							1!	1.3	1.
53		C	M-F	19.00	0.20	x		\Box	 L •	
									M4054	13 002

C - Chrysotile

NSD - No Structure Detected

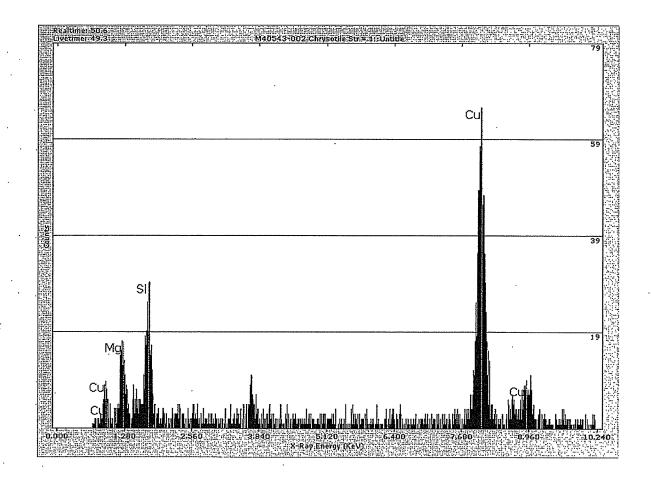
TR - Tremolite CR - Crocidolite F - Fiber B - Bundle

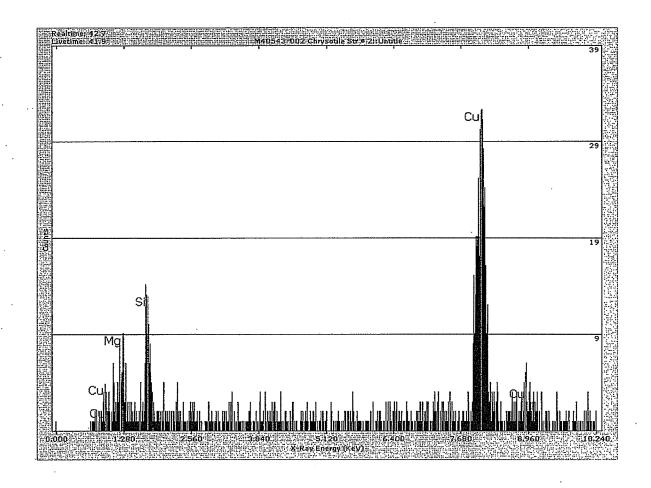
AN - Anthophyllite

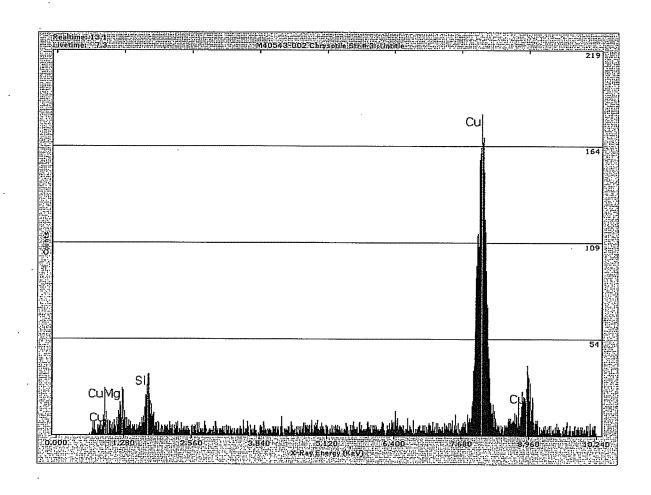
B - Bundle M - Matrix

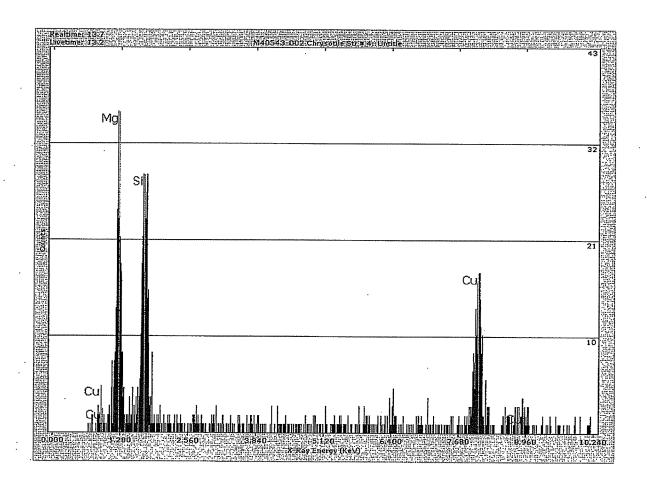
AC - Actinolite

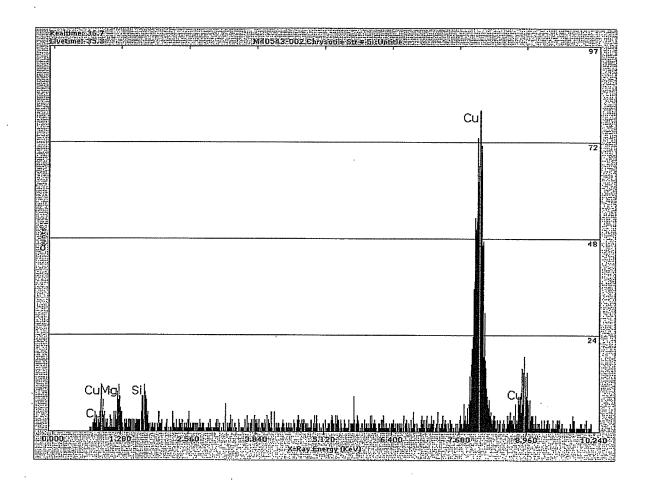
C - Cluster

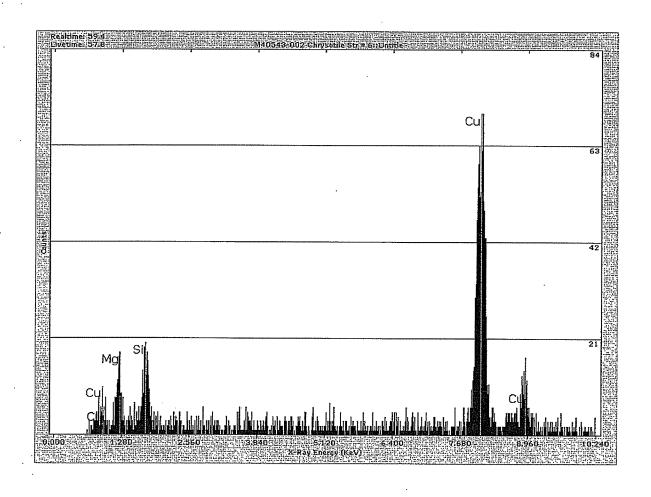


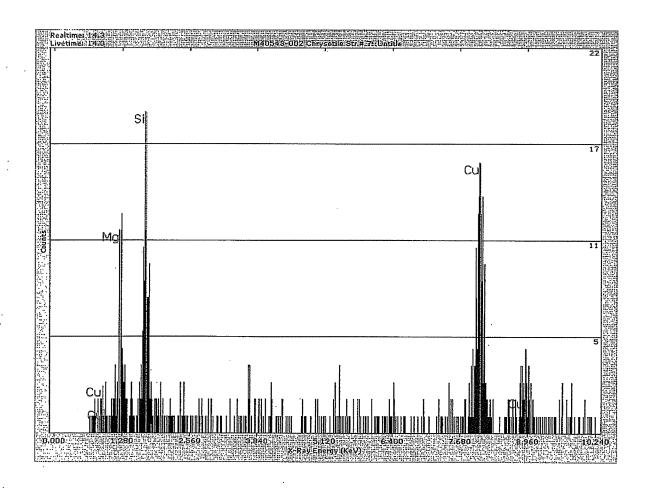


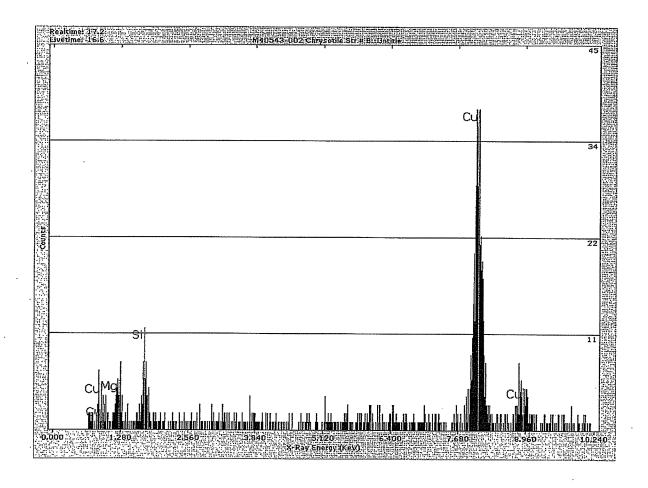


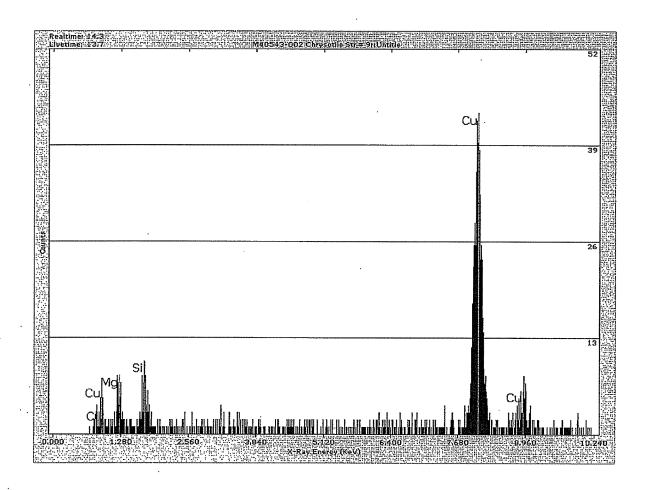


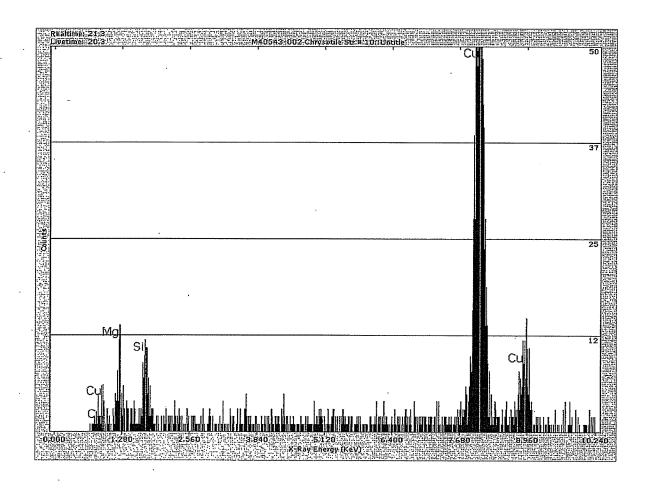


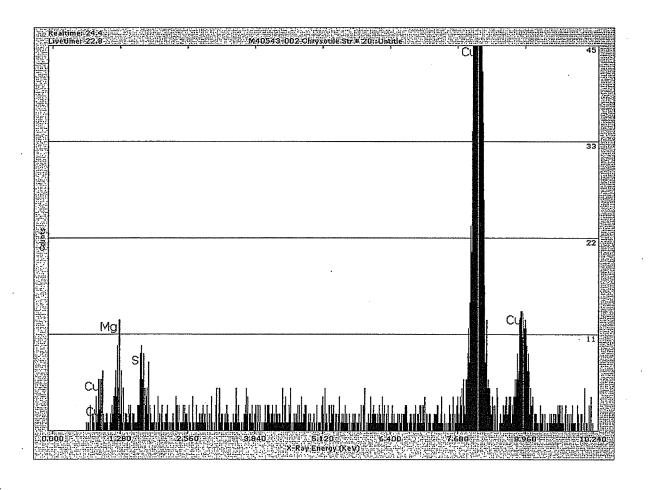


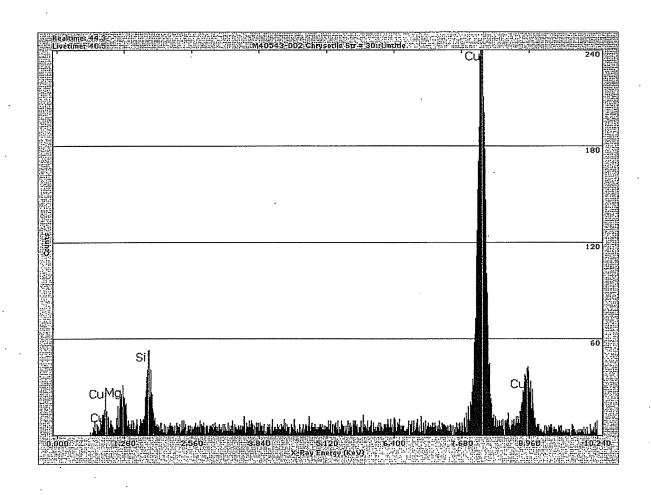


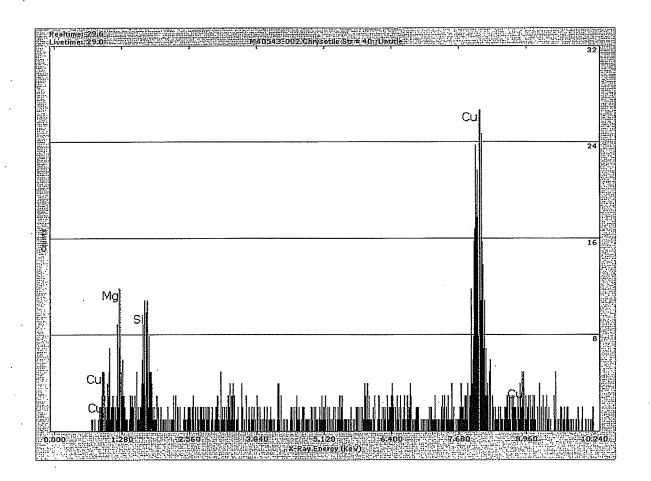


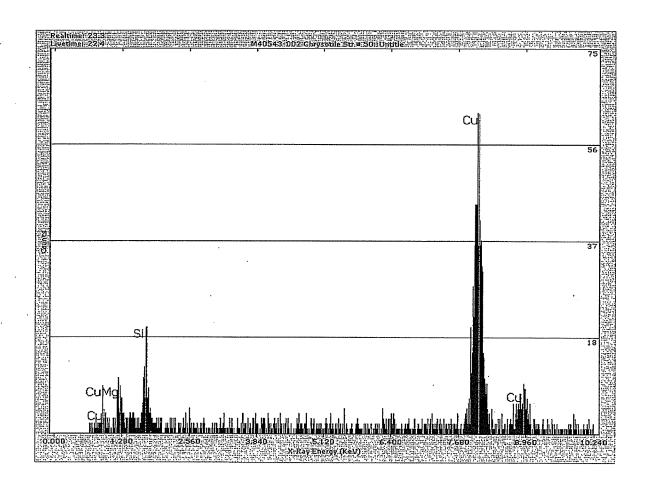












TEM DUST ANALYSIS M40543 003

	and Hi	LATTO										
Setu	led Dust				Client Sample ID: ASHAdmin2							
Sample Area/ Volume: Filter Type: Pore size: Effective Filter Area: Sample type: Analysis type: Grid Acceptance			100 cm2 MCE 47mm 0.45 1297 Dust Dust YES 15 %				Accele	Date Analy Ana Scope Nun erating Vol Indicated Screen Grid_	10/3/2006 MAM 4 100 KV 25 KX 20 KX 7184, 7169, 7181,7185			
Str < 5um: 27			Number of grids: 2			#1: 100	#3:	102	Average Grid Size: 0.010352			
Str ≥5: Fotal S			Number of openings: 10		#2: 103 #4:		102	Total Area Analyzed: 0.104				
	Filtered		Str / sqr ft 3.958E+6 Str / sqr ft >=5 8.148E+6			3.958E+07		Str / cm2 4.260E+04				
dilution	Factor	10)6		Str / cm2 >=5 8.770E+03				
Str#:	SquareID:	Туре:	Structure:	Length	Width	Morph:		SAED:	EDS:	Photo:	Sketch:	
1	C10-E3	. C	M-F	4.00	0.05	x		x	Z		<u>:</u> :	
2		С	M-F	3.70	0.10	x		X	Z	Ц		
3		С	F	5.60	0.10	x		x	V	Ü		
4		С	F	3.70	0.05	x		X	Z	Ľ.	<u> </u>	
5		C .	F	2.00	0.10	x		x	₹)	[13	
6	H4	C .	F	1.40	0.05	x		x	Z			
7		С	M-F	2_30	0.05	х		x	.		Li	
8		С	F	4.00	0.05	х		х	¥		Ľ	
9,		С	F	0.70	0.05	x		x	•			
10	D4	С	M-F	2.90	0.05	х		x	∑		;	
33		C	F	0.90	0.10	х			1			
12		c .	F	2.00	0.10	х			<u>'</u>		[]	
13		C	F	6.00	0.10	x						

C - Chrysotile TR - Tremolite

NSD - No Structure Detected F - Fiber

CR - Crocidolite

B - Bundle

AN - Anthophyllite M - Matrix AC - Actinolite

C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:		
14	D7	С	M-F	1.50	0.05	х				П	***************************************	***************************************
15		c	· F	1.60	0.05	x						
. 16		С	F	0.70	0.10	x			Γ,1	Ü		
17	C8	С	M-F	2.00	0.01	х						
18		С	M-F	10.00	0.05	x						
19		c	M-F	9.00	0.10	x						
20		c	F	2.00	0.10	x	x			Ľ:		
								V	<u>_</u> !	\Box		
. 21		С	F	1.70	0.10	х				\Box		
22	C9-14	С	F	1.00	0.10	x						
23		C	F	2.50	0.10	x						
24	Н6	C	M-F	1.30	0.05	x						
25		c	M-F	1.50				<u></u>	Ľ	1		
			M-L	1.50	0.10	х						
26		С	F	6.00	0.10	х			Ľ.;			
27		С	F	9.00	0.10	x						
28	F9	С	F	4.00	0.10	x				ij		
29	C3	c	F	2.00	0.10	x		1	<u></u> i	Ľ.		
								=		<u>:</u> :		
30		С	M-F	1.80	0.05	x	х	V	[:			
31		С	F	4.50	0.10	x			<u></u>			
32	В6	С	M-F	2.40	0.10	x	•					
33		С	M-F	6.40	0.10	x		ļ	1.1	<u> </u>		
								Ü	<u>::</u> i	; ;		
34		С	F	0.70	0.10	х			<u>. </u>	<u> </u>		
1												

C - Chrysotile TR - Tremolite NSD - No Structure Detected

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Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:	
Ì									M405	43 003	

C - Chrysotile

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